

### **Abstract**

Since a first layer (a carbon layer 2a) whose chief ingredient is carbon and a second layer (Li absorbing layer 3a) containing particles having a theoretical capacity greater than that of graphite are formed on anode collector 1a, high capacity and high operation voltage can be realized. Since an element having a theoretical capacity equal to or less than that of graphite is added to the particles constituting this second layer, expansion and contraction of volume according to the charge and discharge are suppressed. This enables capacity deterioration to be suppressed even though cycles go on.